

5/11**FREY ENVIRONMENTAL, INC.***Environmental Geologists, Engineers, Assessors*

2817 A Lafayette Avenue
Newport Beach, CA 92663
(949) 723-1645
Fax (949) 723-1854
Email: freync@freync.com

2001 JUL 12 PM 1:26

July 12, 2001
172-01

Mr. Howard Kay
Tedesco Leasing Partnership
475 Seventeenth Street
Suite 940
Denver, CO 80202

**GROUNDWATER MONITORING WELL SAMPLING
SECOND QUARTER 2001
FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA**

Dear Mr. Kay:

This letter presents the results of groundwater sampling activities for the second quarter of 2001 at the former Mondo Chrome facility located at 4933 Firestone Boulevard in South Gate, California (Figure 1).

SUMMARY OF ACTIVITIES

On June 4, 2001, groundwater monitoring wells MW1, MW2 and MW3 were measured for depth to water and checked for the presence of light non-aqueous phase liquids (LNAPLs). LNAPLs were not detected in wells MW1, MW2 or MW3 which were then purged and sampled according to the procedures presented in Appendix A.

Groundwater samples were analyzed for purgeable halocarbons in general accordance with EPA Method No. 8021B. Groundwater samples were also analyzed for chromium and cadmium in general accordance with EPA Method No. 200.7.

Groundwater purged from the wells is temporarily being stored on-Site in 55-gallon drums. The purged groundwater will be transported and disposed of at a State-certified recycling facility at a later date.

RESULTS

Calculated groundwater elevations and chemical analytical data have been summarized in Table 1. Laboratory reports are presented in Appendix B.

- The depth to groundwater varied between 40.71 feet and 40.88 feet below the top of casing on June 4, 2001. Groundwater elevations ranged from 68.52 feet above mean sea level in well MW1 to 68.75 feet above mean sea level in well MW3 on June 4, 2001.
- Groundwater was estimated to flow toward the north-northwest at a gradient of 0.0021 feet per foot on June 4, 2001. A site sketch showing groundwater elevations and estimated direction of groundwater flow on June 4, 2001 is presented on Figure 2.
- Tetrachloroethene (PCE) and trichloroethene (TCE) were detected at concentrations of 420 micrograms per liter (ug/L) and 800 ug/L, respectively, in the water sample collected from well MW1. PCE was detected at concentrations of 3.0 ug/L and 2.4 ug/L, respectively, in the groundwater samples collected from wells MW2 and MW3. TCE was detected at concentrations of 86 ug/L and 56 ug/L, respectively, in the groundwater samples collected from wells MW2 and MW3. A graphical distribution of PCE and TCE concentrations in groundwater on June 4, 2001 are shown as Figures 3 and 4, respectively.
- On June 4, 2001, concentrations of additional chlorinated volatile organic compounds were detected in the groundwater samples collected from wells MW1, MW2 and MW3 but at concentrations which were either below or slightly exceeded State of California Maximum Contaminant Levels (MCLs).
- Total chromium was detected at concentrations of 19 ug/L, 28 ug/L, and 26 ug/L in groundwater samples collected from MW1, MW2 and MW3, respectively, on June 4, 2001. These concentrations are below the MCL of 50 ug/L for total chromium.
- Cadmium was not detected in the groundwater samples collected from well MW1 and MW2. Cadmium was detected at concentration of 3 ug/L in groundwater samples collected from well MW3. The MCL for cadmium is 5 ug/L.

Sincerely,

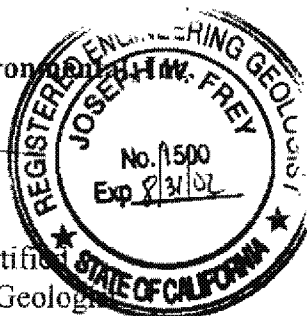
FREX Environmental

Joe Frey

Principal Certified

Engineering Geologist

CEG #1500



Michelle Duhe
Michelle Duhe
Staff Geologist

Enclosures:

Table 1 - Groundwater Levels and Chemical Analyses

Figure 1 - Site Location Map

Figure 2 - Site Sketch Showing Groundwater Elevations and Estimated Groundwater Flow Direction on June 4, 2001.

Figure 3 - Site Sketch With PCE Concentrations in Groundwater on June 4, 2001.

Figure 4 - Site Sketch With TCE Concentrations in Groundwater on June 4, 2001.

Appendix A - Field Procedures/Water Sampling Data Forms

Appendix B- Laboratory Results

cc: Steven Hariri
Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, California 90013

TABLE

TABLE 1
GROUNDWATER LEVELS AND CHEMICAL ANALYSES
FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

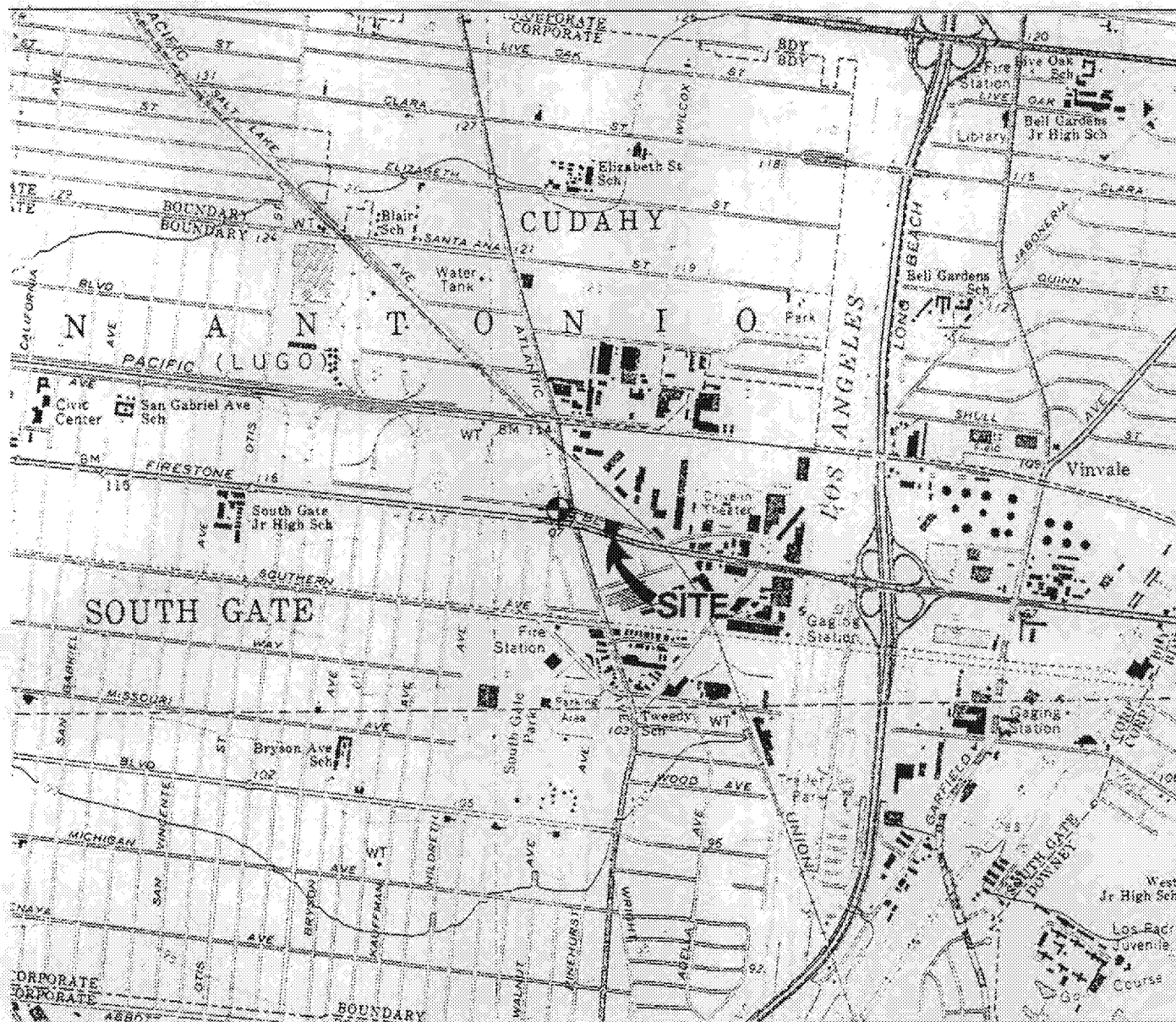
Well No.	Well Elevation (ft-msl)	Screen Interval (feet-bgs)	Date Sampled	Depth to Groundwater (feet)	Groundwater Elevation (ft-msl)	PCE ug/l (ppb)	TCE ug/l (ppb)	cis-1,2-DCE ug/l (ppb)	trans-1,2-DCE ug/l (ppb)	1,1-DCE ug/l (ppb)	Vinyl Chloride ug/l (ppb)	1,2-DCA ug/l (ppb)	Total Chromium ug/l (ppb)	Chromium VI ug/l (ppb)	Cadmium ug/l (ppb)
MW1	109.40	30-55	12/07/98	41.58	67.82	110	140	6.8	NA	ND>1	ND>1.0	ND>0.5	NA	NA	NA
			03/03/99	40.71	68.69	140	190	ND>10	NA	ND>16	ND>20	ND>10	19	ND>20	ND>4
			06/24/99	40.36	69.04	600	780	ND>25	NA	ND>40	ND>50	ND>25	19	ND>20	ND>4
			09/17/99	40.31	69.09	707	824	9.4	NA	1.9	1.9	ND>0.5	16	ND>20	ND>4
			12/20/99	40.35	69.05	395	635	10	NA	1.6	ND>1.0	ND>0.5	37	ND>20	ND>3
			03/28/00	40.42	68.98	368	538	11	NA	1.9	ND>1.0	ND>0.5	4	NA	NA
			06/26/00	40.50	68.90	663	909	125	NA	ND>0.8	ND>1.0	ND>0.5	46	NA	NA
			09/22/00	40.55	68.85	111	150	ND>0.5	NA	2.49	ND>1.0	ND>0.5	ND>3	NA	NA
			12/18/00	41.78	67.62	616	116	14	2.1	1.4	ND>1.0	ND>0.5	20	ND>20	ND>3
			03/05/01	40.90	68.50	670	330	11	2.2	2.7	3.4	0.65	11	ND>30	ND>3
			06/04/01	40.88	68.52	420	800	12	ND>0.8	1.6	ND>1.0	ND>1	19	NA	ND>3
MW2	109.45	30-55	12/07/98	41.68	67.77	11	77	16	NA	ND>1	ND>1.0	ND>0.5	NA	NA	NA
			03/03/99	40.81	68.64	6.5	130	13	NA	ND>4	ND>5	ND>2.5	33	ND>20	ND>4
			06/24/99	40.45	69.00	20	160	13	NA	ND>8	ND>10	ND>5	50	ND>20	ND>4
			09/17/99	40.40	69.05	15	156	21	NA	ND>0.8	ND>1	ND>0.5	40	ND>20	ND>4
			12/20/99	40.43	69.02	27	158	18	NA	ND>0.8	ND>1.0	ND>0.5	18	ND>20	ND>3
			03/28/00	40.38	69.07	8.4	138	27	NA	0.8	ND>1.0	ND>0.5	19	NA	NA
			06/26/00	40.46	68.99	17	101	230	NA	ND>0.8	ND>1.0	ND>0.5	38	NA	NA
			09/22/00	40.47	68.98	3.79	72.6	ND>0.5	NA	ND>0.8	ND>1.0	ND>0.5	17	NA	NA
			12/18/00	41.70	67.75	12	92	28	2.1	ND>0.8	ND>1.0	ND>0.5	20	ND>20	ND>3
			03/05/01	40.83	68.62	7.1	50	19	2.2	1.3	1.2	ND>0.5	23	ND>20	3
			06/04/01	40.71	68.74	3.0	86	24	ND>0.8	ND>0.8	ND>1.0	ND>0.5	28	NA	ND>3
MW3	109.61	30-55	12/07/98	41.78	67.83	9.3	75	10	NA	1.7	ND>1.0	ND>0.5	NA	NA	NA
			03/03/99	40.94	68.67	5.1	100	6.4	NA	ND>4	ND>5	ND>2.5	68	ND>20	ND>4
			06/24/99	40.59	69.02	7.4	110	7.3	NA	ND>8	ND>10	ND>5	50	ND>20	ND>4
			09/17/99	40.56	69.05	6.1	145	12	NA	1.2	2.3	1.2	58	ND>20	ND>4
			12/20/99	40.61	69.00	4.4	43	3.6	NA	ND>0.8	ND>1.0	ND>0.5	37	ND>20	ND>3
			03/28/00	40.54	69.07	4.7	114	13	NA	1.7	ND>1.0	0.9	19	NA	NA
			06/26/00	40.61	69.00	26	92	ND>0.5	NA	ND>0.8	ND>1.0	ND>0.5	44	NA	NA
			09/22/00	40.60	69.01	7.11	66	4.97	NA	1.61	ND>1.0	ND>0.5	20	NA	NA
			12/18/00	41.85	67.76	11	80	13	1.9	1.1	ND>1.0	ND>0.5	30	ND>20	ND>3
			03/05/01	40.90	68.71	7	47	11	2	2.2	1.4	1.2	24	ND>20	6
			06/04/01	40.86	68.75	2.4	56	9.2	ND>0.8	0.85	ND>1.0	ND>0.5	26	NA	3
DTSC MCLs						5	5	6	0.8	6	0.5	0.5	50		5

Notes:

- 1) Well elevation recorded at top of casing.
- 2) PCE = Tetrachloroethene
- 3) TCE = Trichloroethene
- 4) cis-1,2-DCE = cis 1,2 Dichloroethene
- 5) 1,1-DCE = 1,1 Dichloroethene
- 6) 1,2-DCA = 1,2 Dichloroethane

- 7) Maximum Contaminant Levels (MCLs) are enforceable drinking water standards
- 8) ND> - Constituent not detected above the stated concentration
- 9) NA = Not analyzed

FIGURES

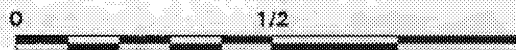


EXPLANATION

- ◆ Groundwater well UNOCAL property
- MW1 Well number
- (53') Depth to groundwater in feet MSL (1994)



NORTH



SCALE IN MILES

FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Client: TEDESCO LEASING

Project No.: 172-01

NOTES:

- 1) All locations and dimensions are approximate.
- 2) Base map from USGS 7.5 minute South Gate (1966, photorevised 1981), California topographic quadrangle.
- 3) Groundwater well data from FUGRO West, Inc., project no. 94-48-1320.

FREY ENVIRONMENTAL, INC.

SITE LOCATION MAP

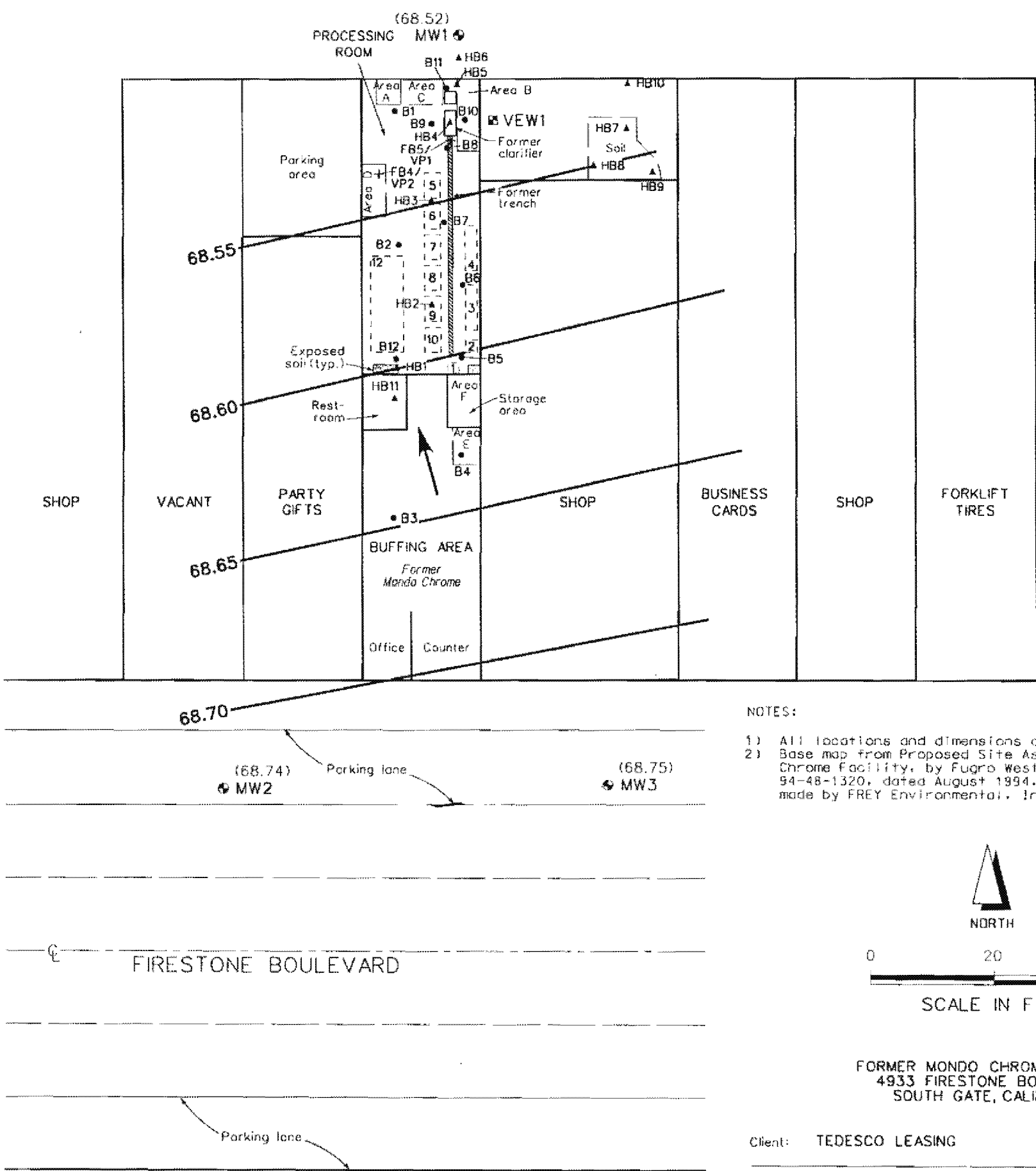
Date: JANUARY 1996

Figure: 1

EXPLANATION

- ▲ HB6 HAND AUGER BORING LOCATION
- B11 BORING LOCATION
- VEW1 VAPOR EXTRACTION WELL LOCATION
- + FB4/VP2 SOIL SAMPLE LOCATION/VAPOR PROBE LOCATION
- ⊙ MW3 GROUNDWATER MONITORING WELL LOCATION
- (68.75) With groundwater elevation in feet MSL, on June 4, 2001
- 68.75 CONTOUR OF EQUAL GROUNDWATER ELEVATION in feet MSL, on June 4, 2001
- ESTIMATED GROUNDWATER FLOW DIRECTION

MASON STREET



FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

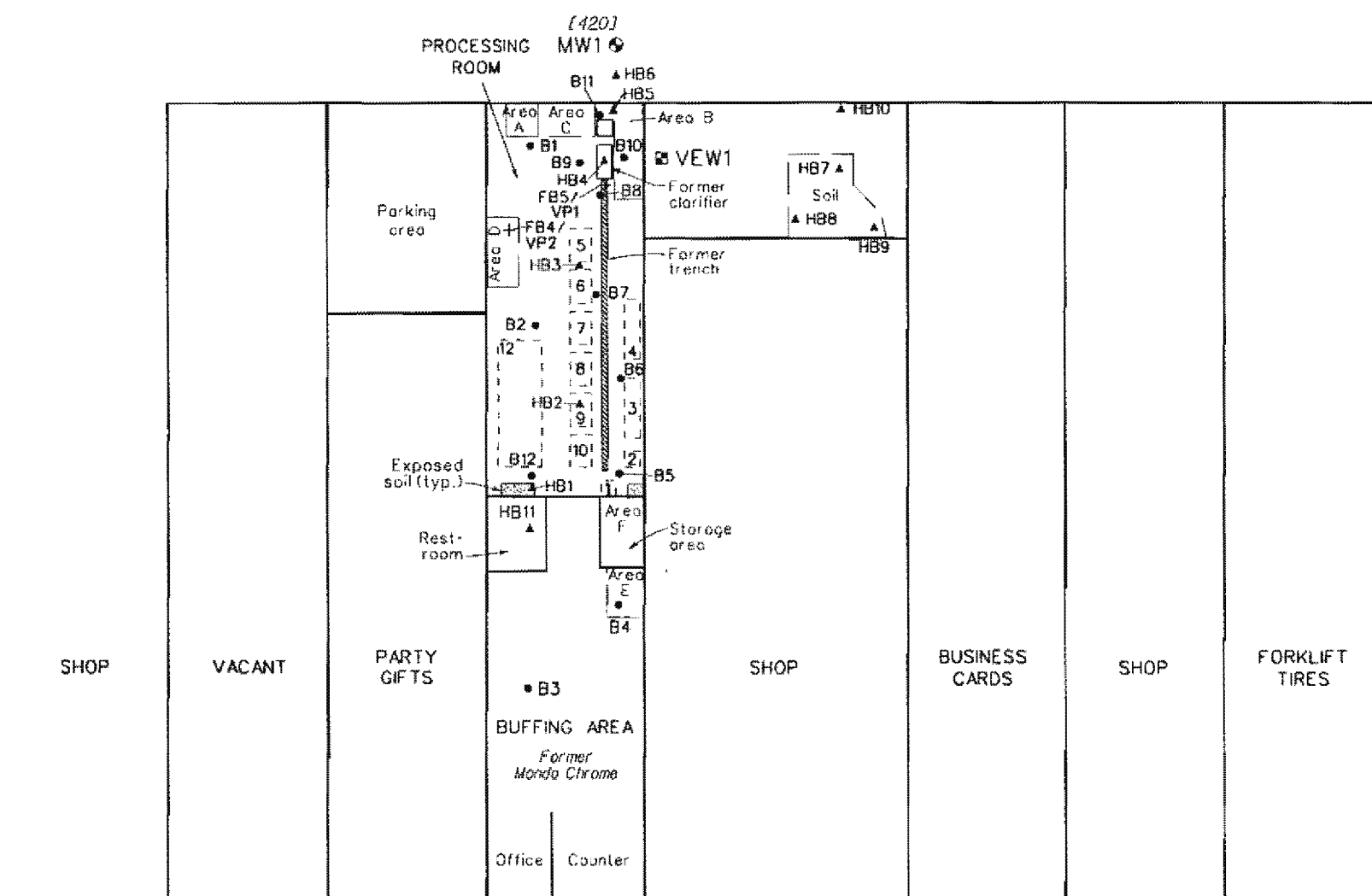
Client: TEDESCO LEASING Project No.: 172-01

FREY ENVIRONMENTAL, INC.

SITE SKETCH SHOWING GROUNDWATER
ELEVATIONS AND ESTIMATED GROUNDWATER
FLOW DIRECTION ON JUNE 4, 2001

Date: JULY 2001 Figure 2

- MASON STREET



[3.0]
● MW2

Parking lane

[2.4]
● MW3

Q

FIRESTONE BOULEVARD

Parking lane

- 
- NORTH CAROLINA STATE UNIVERSITY

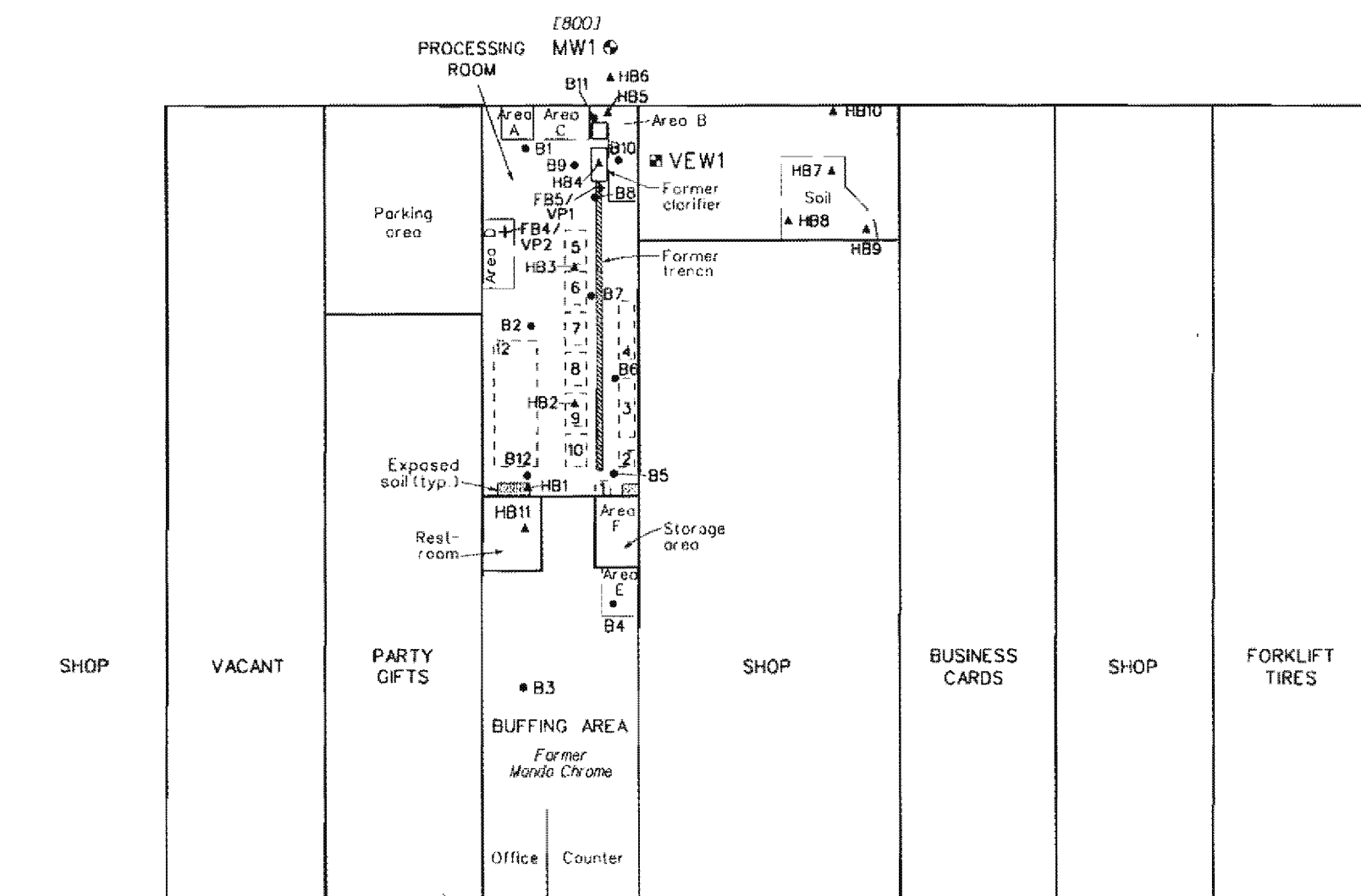
FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Project No.: 172-01

Figure 3

A schematic diagram of a vertical wellbore. It consists of a vertical line with a horizontal line at the top. Two break symbols (zig-zags) are placed on the vertical line, with the text "100'" between them, indicating a 100-foot section of the wellbore.

- MASON STREET

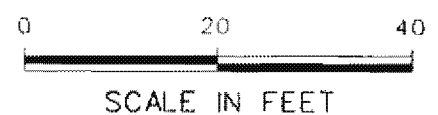


An aerial photograph showing a road intersection. A horizontal road is labeled "FIRESTONE BOULEVARD" in the center. Above the road, there are two circular markers labeled "[86] MW2" and "[56] MW3". A curved arrow labeled "Parking lane" points from the top edge of the image towards the road. Below the road, another curved arrow labeled "Parking lane" points from the bottom edge of the image towards the road. The road has dashed white lines indicating lanes.

- 1) All locations and dimensions are approximate.
- 2) Base map from Proposed Site Assessment, Former Mondo Chrome Facility, by Fugro West, Inc., project no. 94-48-1320, dated August 1994, and field observations made by FREY Environmental, Inc. July 1996.



NORTH



FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Client: TEDESCO LEASING

Project No.: 172-01

FREY ENVIRONMENTAL, INC.

SITE SKETCH WITH TCE
CONCENTRATIONS IN GROUNDWATER,
ON JUNE 4, 2001

Date: JULY 2001

Figure 4

APPENDIX A

FIELD PROCEDURES/WATER SAMPLING DATA FORMS

WELL PURGING AND GROUND WATER SAMPLING

1. The water level, and depth to the bottom of each well, was recorded using a conductance probe prior to well purging. A clear bailer sample was taken and visually inspected for turbidity and the presence of free product.
2. The groundwater monitoring wells were purged of at least three well volumes using a submersible pump or bailer.
3. The well was allowed to recover to at least 80 percent of its original well volume prior to sampling.
4. The ground water samples were collected using a stainless steel bailer held by dedicated nylon line.
5. All items entering the well; tapes, conductance probe, bailers were cleaned prior to use and between sampling periods.
6. Groundwater collected from each monitoring well was placed into EPA approved, zero head space, 40 milliliters (mL) vials and 500 mL containers.
7. Each sample was labeled.
8. The samples were placed in a bag, and into an ice chest, and cooled following collection.
9. The samples were delivered to the laboratory directly after collection. Sample handling, transport, and delivery to the laboratory were documented using chain of custody procedures and appropriate Chain-of-Custody forms.

GROUNDWATER SAMPLING DATA

Page ____ of ____

SITE NAME Mondo ChromeDATE 6/4/01JOB NO. 172-01SAMPLING PERSONNEL Vitelio Ramirez

WELL NUMBER	<u>MW-1</u>	Well Diameter (ID)	<u>2"</u>	Reference Point	<u>Tec</u>
WATER DEPTH (ft)	<u>40.88</u>	WELL DEPTH	<u>54.10</u>	Feet of H ₂ O in Well	<u>13.22</u>

TIME	ELAPSED TIME	GALLONS PURGED	pH	Temp (deg. F)	Cond. (µS/cm)	TDS (ppm)	COMMENTS
9:40							Start pump
9:42	02	2	6.92	71.9	1530	951	cloudy water
9:45	05	5	7.11	72.2	1499	930	cc cc
9:50	10	10	7.06	72.7	1524	944	cc cc
9:50		10					Stop pump
10:10			7.07	71.7	1570	973	Sample
TOTAL GALLONS PURGED		<u>10</u>					

SAMPLE DEPTH (FT)	<u>41.43</u>	PURGE METHOD	<u>2" electric pump</u>	PURGE PUMPING RATE (GPM)	<u>1</u>
-------------------	--------------	--------------	-------------------------	--------------------------	----------

FIELD EQUIPMENT	MODEL NAME/ DESCRIPTION
pH Meter/EC Meter	<u>HANNA #1</u>
Turbidity Meter	
Pump (Dia./Type)	<u>2" electric pump #1</u>
Water Level Meter	<u>Solinst #2</u>
Bailer (Dia. x length)	<u>1.5 x 36" #1</u>

SAMPLE NUMBER	# BOTTLES
<u>1 liter Bottle</u>	<u>1</u>
<u>MW-1</u>	<u>3</u>

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: () Ft x (0.65) = Gallons

3 Well Volumes = Gallons

2-INCH WELL: 13.22 Ft x (0.16) = 2.11 Gallons3 Well Volumes = 6.34 Gallons

GROUNDWATER SAMPLING DATA

Page ____ of ____

SITE NAME Mondo ChromeDATE 6/4/01JOB NO. 172-01SAMPLING PERSONNEL Vitelio Ramirez

WELL NUMBER	MW-2	Well Diameter (ID)	2"	Reference Point	Toe
WATER DEPTH (ft)	40.71	WELL DEPTH	53.05	Feet of H ₂ O in Well	12.34

TIME	ELAPSED TIME	GALLONS PURGED	ph	Temp (deg. F)	Cond. (µS/cm)	TDS (ppm)	COMMENTS
8:10							Start pump
8:11	01	1	7.02	70.6	29.03	1795	cloudy water
8:15	05	5	6.91	72.3	30.73	1905	cc cc
8:20	10	10	6.92	72.2	30.83	1913	cc cc
8:20							Stop pump
9:00			7.05	70.2	30.05	1862	Sample
TOTAL GALLONS PURGED							

SAMPLE DEPTH (FT)	41.05	PURGE METHOD	electric pump	PURGE PUMPING RATE (GPM)	1
-------------------	-------	--------------	---------------	--------------------------	---

FIELD EQUIPMENT	MODEL NAME/ DESCRIPTION
pH Meter/EC Meter	HANNA # 1
Turbidity Meter	
Pump (Dia./Type)	2" electric pump #1
Water Level Meter	Solinst # 2
Boiler (Dia./length)	1.5X36 #1

SAMPLE NUMBER	# BOTTLES
Liter Bottle	1
MW-2	3

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: (____ Ft) x (0.65) = _____ Gallons

3 Well Volumes = _____ Gallons

2-INCH WELL: (12.34 Ft) x (0.16) = 1.97 Gallons

3 Well Volumes = 5.92 Gallons

GROUNDWATER SAMPLING DATA

Page ____ of ____

SITE NAME Monde chromeDATE 6/4/01JOB NO. 172-01SAMPLING PERSONNEL Vitelio Ramirez

WELL NUMBER <u>MW-3</u>	Well Diameter (ID) <u>2"</u>	Reference Point <u>TOC</u>
WATER DEPTH (ft) <u>40.86</u>	WELL DEPTH <u>53.20</u>	Feet of H ₂ O in Well <u>12.34</u>

TIME	ELAPSED TIME	GALLONS PURGED	ph	Temp (deg. F)	Cond. (µS/cm)	TDS (ppm)	COMMENTS
7:45							Start pump
7:46	01	1	7.16	71.1	2926	1819	cloudy water
7:50	05	5	7.02	71.6	3175	1969	sc sc
7:55	10	10	6.99	72.2	3116	1933	sc sc
7:55							dry well
7:55							Stop pump
8:48			4.19	70.9	2976	1847	Sample
TOTAL GALLONS PURGED		<u>10</u>					

SAMPLE DEPTH (FT) <u>41.30</u>	PURGE METHOD <u>2" electric pump</u>	PURGE PUMPING RATE (GPM) <u>1</u>
-----------------------------------	---	--------------------------------------

FIELD EQUIPMENT	MODEL NAME/ DESCRIPTION
pH Meter/EC Meter	<u>HANNA #1</u>
Turbidity Meter	
Pump (Dia./Type)	<u>2" electric pump #1</u>
Water Level Meter	<u>Solinst #2</u>
Bailer (Dia. x length)	<u>1.5X36 #1</u>

SAMPLE NUMBER	# BOTTLES
<u>liter bottle</u>	<u>1</u>
<u>MW-3</u>	<u>3</u>

WELL VOLUME CALCULATIONS:

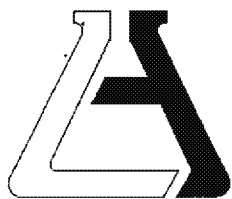
(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: () Ft) x (0.65) = Gallons

3 Well Volumes = Gallons

2-INCH WELL: 12.34 Ft) x (0.16) = 1.97 Gallons3 Well Volumes = 5.92 Gallons

APPENDIX B
LABORATORY RESULTS



ASSOCIATED LABORATORIES

806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT Frey Environmental (7741)
ATTN: Evan Privett
2817A Lafayette Ave.
Newport Beach, CA 92663

LAB REQUEST 74003

REPORTED 06/12/2001

RECEIVED 06/05/2001

PROJECT Mondo Chrome 172-01

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.

270332

270333

270334

Client Sample Identification


MW1

MW2

MW3

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,



Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

The reports of the Associated Laboratories are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 270332

Client: Frey Environmental

Matrix: WATER

Client Sample ID: MW1

Date Sampled: 06/04/2001

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8021B/HVO Halogenated Volatile Organics					
1,1,1-Trichloroethane	ND	1	0.5	ug/L	06/07/01 CH
1,1,2,2-Tetrachloroethane	ND	1	0.5	ug/L	06/07/01 CH
1,1,2-Trichloroethane	ND	1	0.5	ug/L	06/07/01 CH
1,1-Dichloroethane	ND	1	0.8	ug/L	06/07/01 CH
1,1-Dichloroethene	1.6	1	0.8	ug/L	06/07/01 CH
1,2-Dibromoethane	ND	1	1.0	ug/L	06/07/01 CH
1,2-Dichlorobenzene	ND	1	1.0	ug/L	06/07/01 CH
1,2-Dichloroethane	ND	1	0.5	ug/L	06/07/01 CH
1,2-Dichloropropane	ND	1	0.5	ug/L	06/07/01 CH
1,3-Dichlorobenzene	ND	1	2.0	ug/L	06/07/01 CH
1,4-Dichlorobenzene	ND	1	1.0	ug/L	06/07/01 CH
2-Chloroethylvinyl ether	ND	1	0.7	ug/L	06/07/01 CH
Bromoform	ND	1	0.5	ug/L	06/07/01 CH
Bromomethane	ND	1	1.0	ug/L	06/07/01 CH
Carbon tetrachloride	ND	1	0.7	ug/L	06/07/01 CH
Chlorobenzene	ND	1	1.0	ug/L	06/07/01 CH
Chloroethane	ND	1	0.5	ug/L	06/07/01 CH
Chloroform	ND	1	0.5	ug/L	06/07/01 CH
Chloromethane	ND	1	1.0	ug/L	06/07/01 CH
Dibromochloromethane	ND	1	0.5	ug/L	06/07/01 CH
Dichlorobromomethane	ND	1	0.5	ug/L	06/07/01 CH
Dichlorodifluoromethane	ND	1	2.0	ug/L	06/07/01 CH
Methylene Chloride	ND	1	1.0	ug/L	06/07/01 CH
Tetrachloroethene	420	20	10.0	ug/L	06/07/01 CH
Trichloroethene	800	20	12.0	ug/L	06/07/01 CH
Trichlorofluoromethane	ND	1	0.5	ug/L	06/07/01 CH
Vinyl chloride	ND	1	1.0	ug/L	06/07/01 CH
cis-1,2-Dichloroethene	12	1	0.5	ug/L	06/07/01 CH
cis-1,3-Dichloropropene	ND	1	1.5	ug/L	06/07/01 CH
trans-1,2-Dichloroethene	ND	1	0.8	ug/L	06/07/01 CH
trans-1,3-Dichloropropene	ND	1	1.5	ug/L	06/07/01 CH

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

Order #: 270333

Client: Frey Environmental

Matrix: WATER

Client Sample ID: MW2

Date Sampled: 06/04/2001

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8021B/HVO Halogenated Volatile Organics					
1,1,1-Trichloroethane	ND	1	0.5	ug/L	06/07/01 CH
1,1,2,2-Tetrachloroethane	ND	1	0.5	ug/L	06/07/01 CH
1,1,2-Trichloroethane	ND	1	0.5	ug/L	06/07/01 CH
1,1-Dichloroethane	ND	1	0.8	ug/L	06/07/01 CH
1,1-Dichloroethene	ND	1	0.8	ug/L	06/07/01 CH
1,2-Dibromoethane	ND	1	1.0	ug/L	06/07/01 CH
1,2-Dichlorobenzene	ND	1	1.0	ug/L	06/07/01 CH
1,2-Dichloroethane	ND	1	0.5	ug/L	06/07/01 CH
1,2-Dichloropropane	ND	1	0.5	ug/L	06/07/01 CH
1,3-Dichlorobenzene	ND	1	2.0	ug/L	06/07/01 CH
1,4-Dichlorobenzene	ND	1	1.0	ug/L	06/07/01 CH
2-Chloroethylvinyl ether	ND	1	0.7	ug/L	06/07/01 CH
Bromoform	ND	1	0.5	ug/L	06/07/01 CH
Bromomethane	ND	1	1.0	ug/L	06/07/01 CH
Carbon tetrachloride	ND	1	0.7	ug/L	06/07/01 CH
Chlorobenzene	ND	1	1.0	ug/L	06/07/01 CH
Chloroethane	ND	1	0.5	ug/L	06/07/01 CH
Chloroform	ND	1	0.5	ug/L	06/07/01 CH
Chloromethane	ND	1	1.0	ug/L	06/07/01 CH
Dibromochloromethane	ND	1	0.5	ug/L	06/07/01 CH
Dichlorobromomethane	ND	1	0.5	ug/L	06/07/01 CH
Dichlorodifluoromethane	ND	1	2.0	ug/L	06/07/01 CH
Methylene Chloride	ND	1	1.0	ug/L	06/07/01 CH
Tetrachloroethene	3.0	1	0.5	ug/L	06/07/01 CH
Trichloroethene	86	1	0.6	ug/L	06/07/01 CH
Trichlorofluoromethane	ND	1	0.5	ug/L	06/07/01 CH
Vinyl chloride	ND	1	1.0	ug/L	06/07/01 CH
cis-1,2-Dichloroethene	24	1	0.5	ug/L	06/07/01 CH
cis-1,3-Dichloropropene	ND	1	1.5	ug/L	06/07/01 CH
trans-1,2-Dichloroethene	ND	1	0.8	ug/L	06/07/01 CH
trans-1,3-Dichloropropene	ND	1	1.5	ug/L	06/07/01 CH

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

Order #: 270334

Client: Frey Environmental

Matrix: WATER

Client Sample ID: MW3

Date Sampled: 06/04/2001

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8021B/HVO Halogenated Volatile Organics					
1,1,1-Trichloroethane	ND	1	0.5	ug/L	06/07/01 CH
1,1,2,2-Tetrachloroethane	ND	1	0.5	ug/L	06/07/01 CH
1,1,2-Trichloroethane	ND	1	0.5	ug/L	06/07/01 CH
1,1-Dichloroethane	ND	1	0.8	ug/L	06/07/01 CH
1,1-Dichloroethene	0.85	1	0.8	ug/L	06/07/01 CH
1,2-Dibromoethane	ND	1	1.0	ug/L	06/07/01 CH
1,2-Dichlorobenzene	ND	1	1.0	ug/L	06/07/01 CH
1,2-Dichloroethane	ND	1	0.5	ug/L	06/07/01 CH
1,2-Dichloropropane	ND	1	0.5	ug/L	06/07/01 CH
1,3-Dichlorobenzene	ND	1	2.0	ug/L	06/07/01 CH
1,4-Dichlorobenzene	ND	1	1.0	ug/L	06/07/01 CH
2-Chloroethylvinyl ether	ND	1	0.7	ug/L	06/07/01 CH
Bromoform	ND	1	0.5	ug/L	06/07/01 CH
Bromomethane	ND	1	1.0	ug/L	06/07/01 CH
Carbon tetrachloride	ND	1	0.7	ug/L	06/07/01 CH
Chlorobenzene	ND	1	1.0	ug/L	06/07/01 CH
Chloroethane	ND	1	0.5	ug/L	06/07/01 CH
Chloroform	ND	1	0.5	ug/L	06/07/01 CH
Chloromethane	ND	1	1.0	ug/L	06/07/01 CH
Dibromochloromethane	ND	1	0.5	ug/L	06/07/01 CH
Dichlorobromomethane	ND	1	0.5	ug/L	06/07/01 CH
Dichlorodifluoromethane	ND	1	2.0	ug/L	06/07/01 CH
Methylene Chloride	ND	1	1.0	ug/L	06/07/01 CH
Tetrachloroethene	2.4	1	0.5	ug/L	06/07/01 CH
Trichloroethene	56	10	6.0	ug/L	06/07/01 CH
Trichlorofluoromethane	ND	1	0.5	ug/L	06/07/01 CH
Vinyl chloride	ND	1	1.0	ug/L	06/07/01 CH
cis-1,2-Dichloroethene	9.2	1	0.5	ug/L	06/07/01 CH
cis-1,3-Dichloropropene	ND	1	1.5	ug/L	06/07/01 CH
trans-1,2-Dichloroethene	ND	1	0.8	ug/L	06/07/01 CH
trans-1,3-Dichloropropene	ND	1	1.5	ug/L	06/07/01 CH

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

ASSOCIATED LABORATORIES

LCS REPORT FORM

QC Sample: LFB20010606

Matrix: WATER

Analysis Date: 06/06/01

ID#'s in Batch: LR 73861, 73860, 73833, 73944, 73945, 73946, 74003, 73930

LCS SPIKE / LCS SPIKE DUPLICATE RESULT

Reporting Units = ug/L

Test	Method	Sample Result	Spike Added	LCS Spike	LCSD Spike Dup	%Rec LCS	%Rec LCSD	% RPD	Prep. Blank
1,2-Dichloroethane	8021	ND	10.0	8.7	7.9	87	79	10	ND
1,1,2-Trichloroethane	8021	ND	10.0	9.0	9.0	90	90	0	ND
Tetrachloroethene	8021	ND	10.0	10.9	10.3	109	103	6	ND
cis-1,2-DCE	8021	ND	10.0	9.7	9.2	97	92	5	ND
cis-1,3-DCPE	8021	ND	10.0	9.3	9.6	93	96	3	ND
Trichloroethene	8021	ND	10.0	9.5	8.7	95	87	9	ND
Dibromochloromethane	8021	ND	10.0	9.5	9.4	95	94	1	ND
trans-1,2-DCE	8021	ND	10.0	8.6	8.4	86	84	2	ND
Benzene	8021	ND	10.0	9.5	9.4	95	94	1	ND
Toluene	8021	ND	10.0	9.8	9.8	98	98	0	ND

ND = Not Detected

RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate

%REC LIMITS: 65-135

RPD LIMITS: 35

COOLER RECEIPT FORM

Client: Fry Enviro. Project: Mondo Chrome

Cooler Received: 1/5/01 Cooler Opened: 1/16/01 By: M-garcia

Signed: [Signature]

Was cooler scanned for presense of radioactivity, and noted if found?

☒ Yes ☐ No

Were custody seals present on outside of cooler?

☐ Yes ☒ No

a. If Yes, were they intact?

☐ Yes ☒ No

b. How many, and where?

c. Were signature and date correct?

☐ Yes ☐ No

Were custody papers included with the samples?

☒ Yes ☐ No

Were the custody papers completely filled out?

☒ Yes ☐ No

Did you sign and date the custody papers in the appropriate place?

☒ Yes ☐ No

Was a shippers packing slip attached to the cooler?

☐ Yes ☒ No

What kind of packing material was used? Ice

Was sufficient ice used? ☒ Yes ☐ No Temperature of cooler? 2.1°C

Approved by: [Signature] Date: 1/16/01

Were all bottles sealed in seperate plastic bags?

☐ Yes ☒ No

Did all bottles arrive intact?

☒ Yes ☐ No

Were all bottles labled correctly? (ID. Analysis. Dates, Times)

☒ Yes ☐ No

Did all ID's match the custody paperwork?

☒ Yes ☐ No

Were the correct containers included for the tests required?

☒ Yes ☐ No

Were all VOA vials checked for headspace?

N/A ☒ Yes ☐ No

Was sufficient volume of sample sent in all containers?

☒ Yes ☐ No

Were correct preservatives used?

☒ Yes ☐ No

Approved by: [Signature] Date: 1/16/01

If not approved:

a. Name of person contacted: _____ Date: _____

b. Corrective action taken: _____



ASSOCIATED LABORATORIES

806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

74003

CHAIN OF CUSTODY RECORD

Date 6-5-01 Page 1 of 1

CLIENT FREY ENV.

ADDRESS _____

PROJECT MANAGER

EVAN PRIVETT

PHONE NUMBER

949-723-1645

PROJECT NAME

MONDO CHROME

172-01

SAMPLERS: (Signature)

Samples Intact Yes ☒ No _____

County Seals Intact Yes _____ No _____

Sample Ambient _____ Cooled ☒ Frozen _____

Same Day _____ 24 Hr. _____

Regular ☒ 48 Hr. _____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE			NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
				WATER	AIR	SOLID			
<u>mw1</u>	<u>VOAs</u>	<u>6-4</u>		<u>X</u>			<u>3</u>		<u>8010</u>
<u>mw2</u>	<u> </u>	<u> </u>		<u> </u>			<u> </u>		<u> </u>
<u>mw3</u>	<u> </u>	<u> </u>		<u> </u>			<u> </u>		<u> </u>

Relinquished by: (Signature)

Eric P. H.

6-5-01

Received by: (Signature)

Sean Mills

Date/Time 3:00

6-5-01

I hereby authorize the performance of the above indicated work.

Relinquished by: (Signature)

Sean Mills

Received by Laboratory for analysis:

(Signature)

M. Garcia

Date/Time

0940
6/6/01

Special Instructions:

For 6-6-1:00

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier



ASSOCIATED LABORATORIES

806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT Frey Environmental (7741)
ATTN: Evan Privett
2817A Lafayette Ave.
Newport Beach, CA 92663

LAB REQUEST 74217

REPORTED 06/14/2001

RECEIVED 06/07/2001

PROJECT Mondo Chrome/#172-01

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.

271197

271198

271199

Client Sample Identification

MW1

MW2

MW3

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Belfare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

The reports of the Associated Laboratories are confidential property of our clients and not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 271197

Client: Frey Environmental

Matrix: WATER

Client Sample ID: MW1

Date Sampled: 06/06/2001

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<u>200.7 ICP Total Metals - Water Only</u>					
Cadmium	ND	1	0.003	mg/L	06/12/01 KN
Chromium	0.019	1	0.003	mg/L	06/12/01 KN

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report



Order #: 271198

Client: Frey Environmental

Matrix: WATER

Client Sample ID: MW2

Date Sampled: 06/06/2001

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
200.7 ICP Total Metals - Water Only					
Cadmium	ND	1	0.003	mg/L	06/12/01 KN
Chromium	0.028	1	0.003	mg/L	06/12/01 KN

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report



Order #: 271199

Client: Frey Environmental

Matrix: WATER

Client Sample ID: MW3

Date Sampled: 06/06/2001

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
200.7 ICP Total Metals - Water Only					
Cadmium	0.003	1	0.003	mg/L	06/12/01 KN
Chromium	0.026	1	0.003	mg/L	06/12/01 KN

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report



ASSOCIATED LABORATORIES
QA REPORT FORM (MS/MSD)

QC Sample: 74222-271215 061101W67

Matrix: WATER

Prep. Date: 06/11/01

Analysis Date: 06/12/01

Lab ID#'s in Batch: 74222, 74228, 74252, 74251, 74210, 74120, 74223, 74284, 74262, 74173, 74217, 74301, 74296

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

REPORTING UNITS = mg/L

TEST	Method	Sample Result	ND	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD
Arsenic	6010B/200.7	0.006		0.10	0.094	0.091	88.0	85.0	3.2
Selenium	6010B/200.7	0.005		0.10	0.086	0.084	81.0	79.0	2.4
Thallium	6010B/200.7	0.004		0.10	0.081	0.079	77.0	75.0	2.5
Lead	6010B/200.7	0.008		0.20	0.172	0.171	82.0	81.5	0.6
Antimony	6010B/200.7	0.030	U	1.00	0.960	0.960	96.0	96.0	0.0
Barium	6010B/200.7	0.142		1.00	1.110	1.110	96.8	96.8	0.0
Beryllium	6010B/200.7	0.012		1.00	0.980	0.980	96.8	96.8	0.0
Cadmium	6010B/200.7	0.007		1.00	0.950	0.940	94.3	93.3	1.1
Chromium	6010B/200.7	0.022		1.00	0.970	0.980	94.8	95.8	1.0
Cobalt	6010B/200.7	0.013		1.00	0.970	0.980	95.7	96.7	1.0
Copper	6010B/200.7	0.027		1.00	0.960	0.970	93.3	94.3	1.0
Molybdenum	6010B/200.7	0.022		1.00	0.980	0.980	95.8	95.8	0.0
Nickel	6010B/200.7	0.014		1.00	0.960	0.970	94.6	95.6	1.0
Silver	6010B/200.7	0.005	U	0.40	0.330	0.330	82.5	82.5	0.0
Vanadium	6010B/200.7	0.026		1.00	0.980	0.980	95.4	95.4	0.0
Zinc	6010B/200.7	0.049		1.00	0.970	0.980	92.1	93.1	1.0
Boron	6010B/200.7	0.260		1.00	1.200	1.200	94.0	94.0	0.0
Aluminum	6010B/200.7	1.930		1.00	3.010	3.020	108.0	109.0	0.3
Manganese	6010B/200.7	0.162		1.00	1.090	1.080	92.8	91.8	0.9

NC = Not Calculated

ND = "U" - Not Detected

RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate

%REC-MS&MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

% REC LIMITS = 75 -125
RPD LIMITS = 20

ASSOCIATED LABORATORIES

LCS/MB REPORT FORM

LCS Source(s) QC21-LOT#QC2/91/1;QC7-LOT7A92/1

Element	Method	Result	TRUE	%Rec	L.Limit	H.Limit	Method Blank	
							MB	ND
Arsenic	6010B/200.7	1.980	2.00	99.0	80%	120%	0.004	U
Selenium	6010B/200.7	1.930	2.00	96.5	80%	120%	0.004	U
Thallium	6010B/200.7	2.030	2.00	101.5	80%	120%	0.003	U
Lead	6010B/200.7	2.020	2.00	101.0	80%	120%	0.002	U
Antimony	6010B/200.7	2.050	2.00	102.5	80%	120%	0.030	U
Barium	6010B/200.7	1.880	2.00	94.0	80%	120%	0.002	U
Beryllium	6010B/200.7	2.060	2.00	103.0	80%	120%	0.001	U
Cadmium	6010B/200.7	2.090	2.00	104.5	80%	120%	0.003	U
Chromium	6010B/200.7	2.040	2.00	102.0	80%	120%	0.003	U
Cobalt	6010B/200.7	2.100	2.00	105.0	80%	120%	0.005	U
Copper	6010B/200.7	2.000	2.00	100.0	80%	120%	0.004	U
Molybdenum	6010B/200.7	1.990	2.00	99.5	80%	120%	0.010	U
Nickel	6010B/200.7	2.100	2.00	105.0	80%	120%	0.007	U
Silver	6010B/200.7	0.930	1.00	93.0	80%	120%	0.005	U
Vanadium	6010B/200.7	2.020	2.00	101.0	80%	120%	0.005	U
Zinc	6010B/200.7	2.010	2.00	100.5	80%	120%	0.002	U
Boron	6010B/200.7	2.130	2.00	106.5	80%	120%	0.010	U
Aluminum	6010B/200.7	2.030	2.00	101.5	80%	120%	0.030	U
Manganese	6010B/200.7	2.000	2.00	100.0	80%	120%	0.002	U

Notes : RESULT = Sample Result; TRUE = True Value; %Rec = $100 \times \text{Result} / \text{True}$

L.LIMIT / H.LIMIT = Low / High Control Limits

MB = Method Blank; ND = " U " for Non- Detected

SAMPLE RECEIVING pH Log

Client: Frey Environmental Date/Time 06/08/01 , 930

	Sample ID	pH	Reader's Initial	Standardization Date
1.	MW 1	8.0		
2.	MW 2	8.0		
3.	MW 3	8.0		
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				

COOLER RECEIPT FORM

Client: Ferry Environment Project: 172-01 Mendo Crome

Cooler Received: 6-7-01 Cooler Opened: 6-8-01 By: Ken Huber

Signed: [Signature]

Was cooler scanned for presense of radioactivity, and noted if found? ☒ Yes ☐ No

Were custody seals present on outside of cooler? Yes ☒ No

a. If Yes, were they intact? Yes ☐ No

b. How many, and where? _____

c. Were signature and date correct? Yes ☐ No

Were custody papers included with the samples? ☒ Yes ☐ No

Were the custody papers completely filled out? ☒ Yes ☐ No

Did you sign and date the custody papers in the appropriate place? ☒ Yes ☐ No

Was a shippers packing slip attached to the cooler? Yes ☒ No

What kind of packing material was used? Ice

Was sufficient ice used? ☒ Yes ☐ No Temperature of cooler? 1.2°C

Approved by: [Signature] Date: 6-8-01

Were all bottles sealed in sepearate plastic bags? Yes ☒ No

Did all bottles arrive intact? ☒ Yes ☐ No

Were all bottles labled correctly? (ID. Analysis. Dates. Times) ☒ Yes ☐ No

Did all ID's match the custody paperwork? ☒ Yes ☐ No

Were the correct containers included for the tests required? ☒ Yes ☐ No

Were all VOA vials checked for headspace? ☒ N/A ☐ Yes ☐ No

Was sufficient volume of sample sent in all containers? ☒ Yes ☐ No

Were correct preservatives used? ☒ Yes ☐ No

Approved by: [Signature] Date: 6-8-01

If not approved: _____

a. Name of person contacted: _____ Date: _____

b. Corrective action taken: _____



64217

CHAIN OF CUSTODY RECORD

Date 6/6/01 Page 1 of 1

[illegible]